



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2008
Code: 10971300
SAU: Madawaska School Department
School: Madawaska Middle/High School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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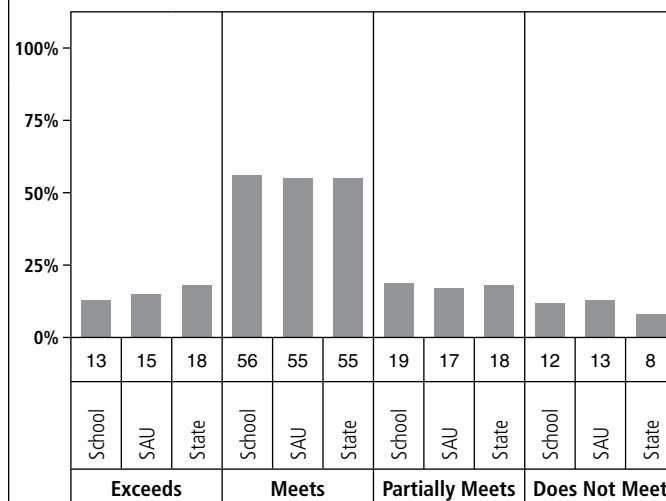
SUMMARY OF SCORES

Test Date: March 2008
 Grade: 7
 SAU: Madawaska School Department
 School: Madawaska Middle/High School

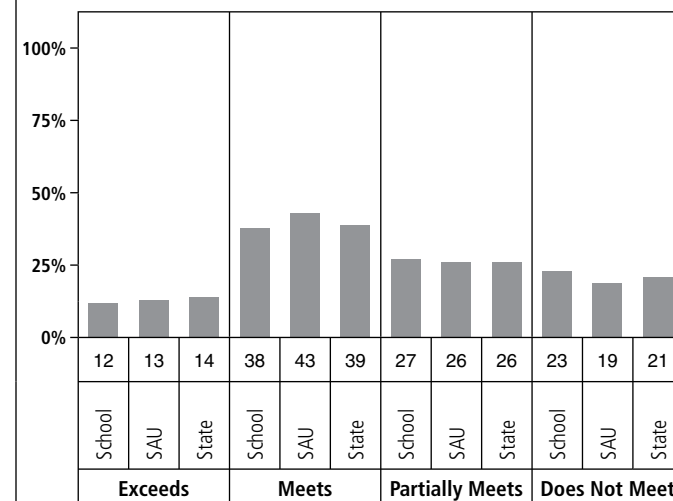
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	742	742	745
2006–2007	753	752	748
2007–2008	748	749	750
Cum. Avg. *	748	748	748
Mathematics			
2005–2006	733	733	740
2006–2007	746	746	742
2007–2008	742	744	743
Cum. Avg. *	741	741	742

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 7
 SAU: Madawaska School Department
 School: Madawaska Middle/High School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	53	100	48	100	14818	100	52	98	47	98	14698	99	52	98	47	98	14694	99												
Ethnicity African American/Black	0	0	0	0	381	3	0	0	0	0	372	98	0	0	0	0	375	99												
American Indian or Native Alaskan	0	0	0	0	113	1	0	0	0	0	112	99	0	0	0	0	112	99												
Asian or Pacific Islander	2	4	2	4	219	1	2	100	2	100	213	97	2	100	2	100	217	99												
Hispanic	1	2	1	2	178	1	1	100	1	100	176	99	1	100	1	100	177	100												
Caucasian/White	50	94	45	94	13927	94	49	98	44	98	13825	99	49	98	44	98	13813	99												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	8	15	6	13	2556	17	8	100	6	100	2508	99	8	100	6	100	2497	98												
Current LEP	12	23	12	25	363	2	12	100	12	100	352	97	12	100	12	100	360	99												
Economically disadvantaged	24	45	22	46	5461	37	24	100	22	100	5408	99	24	100	22	100	5406	99												
Migrant	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	46	87	42	88	12195	82	46	87	42	88	12215	82												
Identified disability (PET/IEP)	2	4	1	2	418	3	2	4	1	2	421	3												
LEP	11	24	11	26	183	2	11	24	11	26	183	1												
504 plan	1	2	1	2	181	1	1	2	1	2	182	1												
Participation with accommodations	6	11	5	10	2320	16	6	11	5	10	2303	16												
Identified disability (PET/IEP)	6	100	5	100	1912	82	6	100	5	100	1900	83												
LEP	1	17	1	20	159	7	1	17	1	20	173	8												
504 plan	0	0	0	0	56	2	0	0	0	0	55	2												
Other	0	0	0	0	244	11	0	0	0	0	226	10												
Participation through alternate assessment (PAAP)	0	0	0	0	178	1	0	0	0	0	176	1												
Identified disability (PET/IEP)	0	0	0	0	178	100	0	0	0	0	176	100												
LEP	0	0	0	0	5	3	0	0	0	0	4	2												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0																		
Approved non-participation – special consideration	0	0	0	0	27	0	0	0	0	0	28	0												
Non-participation – other	1	2	1	2	93	1	1	2	1	2	96	1												

¹ Percents are the percentage of students enrolled in each participation category.

² Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³ Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date:	March 2008
Grade:	7
SAU:	Madawaska School Department
School:	Madawaska Middle/High School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 761–780)	2005-2006	3	6	3	6	1769	11
	2006-2007	11	19	8	15	2630	18
	2007-2008	7	13	7	15	2604	18
	Cum. Total*	21	13	18	12	7003	16
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 741–760)	2005-2006	21	43	21	43	7521	49
	2006-2007	37	63	35	65	7605	51
	2007-2008	29	56	26	55	8049	55
	Cum. Total*	87	54	82	55	23175	52
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 729–740)	2005-2006	18	37	18	37	3773	24
	2006-2007	8	14	8	15	3000	20
	2007-2008	10	19	8	17	2672	18
	Cum. Total*	36	23	34	23	9445	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 700–728)	2005-2006	7	14	7	14	2399	16
	2006-2007	3	5	3	6	1620	11
	2007-2008	6	12	6	13	1190	8
	Cum. Total*	16	10	16	11	5209	12

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	34.0	60.7	34.4	61.4	35.3	63.0
Literary Text	28	50	16.1	57.5	16.3	58.2	17.3	61.8
Informational Text	28	50	17.9	63.9	18.1	64.6	18.0	64.3

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: Madawaska School Department
 School: Madawaska Middle/High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	52	7	13	29	56	10	19	6	12	748	47	15	55	17	13	749	14515	18	55	18	8	750
Ethnicity																						
African American/Black	0										0						365	10	49	19	22	742
American Indian or Native Alaskan	0										0						110	6	52	24	18	744
Asian or Pacific Islander	2										2						211	26	47	20	6	752
Hispanic	1										1						173	12	54	18	15	746
Caucasian/White	49	7	14	29	59	9	18	4	8	749	44	16	59	16	9	750	13656	18	56	18	8	750
Not Reported	0										0						0					
Identified disability																						
Yes	8	0	0	1	13	6	75	1	13	737	6	0	17	67	17	738	2330	2	30	36	32	735
No	44	7	16	28	64	4	9	5	11	750	41	17	61	10	12	750	12185	21	60	15	4	753
Current LEP																						
Yes	12	0	0	5	42	2	17	5	42	736	12	0	42	17	42	736	342	8	46	22	24	741
No	40	7	18	24	60	8	20	1	3	752	35	20	60	17	3	753	14173	18	56	18	8	750
Economically disadvantaged																						
Yes	24	2	8	11	46	7	29	4	17	745	22	9	50	23	18	746	5299	9	51	26	14	745
No	28	5	18	18	64	3	11	2	7	751	25	20	60	12	8	751	9216	23	58	14	5	753
Migrant																						
Yes	0										0						1					
No	52	7	13	29	56	10	19	6	12	748	47	15	55	17	13	749	14514	18	55	18	8	750
Gender																						
Female	23	6	26	12	52	5	22	0	0	754	21	29	52	19	0	755	7084	24	55	15	6	752
Male	29	1	3	17	59	5	17	6	21	744	26	4	58	15	23	744	7431	12	56	21	11	747
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						946	6	47	34	12	743
No	52	7	13	29	56	10	19	6	12	748	47	15	55	17	13	749	13569	19	56	17	8	750
Gifted/talented program																						
Yes	3										3						574	61	38	1	0	765
No	49	6	12	27	55	10	20	6	12	747	44	14	55	18	14	748	13941	16	56	19	9	749

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 7
 SAU: Madawaska School Department
 School: Madawaska Middle/High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	4	0	0	2	100	0	0	0	0	752	4	0	100	0	0	752	6	9	42	24	25	741
B. less than one hour	46	2	8	15	63	4	17	3	13	747	45	10	62	14	14	748	50	17	56	19	8	750
C. one to two hours	46	5	21	12	50	4	17	3	13	750	47	23	50	14	14	750	40	20	58	16	6	752
D. more than two hours	4	0	0	0	0	2	100	0	0	735	4	0	0	100	0	735	4	19	49	21	11	749
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	27	2	14	9	64	3	21	0	0	753	28	15	62	23	0	752	36	24	58	14	5	753
B. They match some of what I have learned.	65	5	15	18	53	6	18	5	15	747	64	17	53	13	17	748	50	16	58	19	8	749
C. They match just a little of what I have learned.	8	0	0	2	50	1	25	1	25	745	9	0	50	25	25	745	11	13	45	26	16	745
D. There is no match.	0										0						3	4	35	29	31	737
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	27	3	21	8	57	3	21	0	0	753	23	27	64	9	0	756	28	35	52	9	5	756
B. good	65	4	12	20	59	6	18	4	12	748	68	13	56	19	13	748	52	15	60	18	7	750
C. fair	8	0	0	1	25	1	25	2	50	733	9	0	25	25	50	733	18	3	49	33	15	742
D. poor	0										0						2	2	41	28	29	738
How difficult was the reading part of this test?																						
A. harder than my regular schoolwork	15	0	0	3	38	3	38	2	25	740	17	0	38	38	25	740	16	13	48	23	16	745
B. about the same as my regular schoolwork	73	6	16	24	63	5	13	3	8	750	72	18	62	12	9	750	65	18	57	18	7	750
C. easier than my regular schoolwork	12	1	17	2	33	2	33	1	17	749	11	20	40	20	20	751	19	21	57	16	6	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	4	1	50	0	0	1	50	0	0	747	4	50	0	50	0	747	9	5	38	29	28	738
B. Most of the passages were about the same as what I normally read.	57	3	10	13	45	7	24	6	21	744	53	12	44	20	24	745	55	14	57	22	7	748
C. Most of the passages were easier than what I normally read.	39	3	15	15	75	2	10	0	0	754	43	15	75	10	0	754	36	28	58	10	4	755
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	50	4	15	8	31	9	35	5	19	744	51	17	33	29	21	745	44	18	56	18	8	750
B. I tried about the same as I do on my regular schoolwork.	46	3	13	19	79	1	4	1	4	753	45	14	76	5	5	754	51	19	56	17	7	751
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	2	100	0	0	0	0	746	4	0	100	0	0	746	5	9	46	26	19	743
How much time do you spend reading at home each day?																						
A. more than one hour	6	1	33	2	67	0	0	0	0	753	6	33	67	0	0	753	17	25	57	13	6	753
B. 20 minutes to an hour	40	3	14	11	52	5	24	2	10	748	43	15	50	25	10	748	45	22	56	16	6	752
C. less than 20 minutes	27	2	14	9	64	3	21	0	0	752	26	17	75	8	0	755	13	14	56	21	9	748
D. I rarely read at home.	27	1	7	7	50	2	14	4	29	743	26	8	42	17	33	742	24	8	53	26	13	745
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 7
SAU: Madawaska School Department
School: Madawaska Middle/High School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 761–780)	2005-2006	0	0	0	0	1646	11
	2006-2007	6	10	6	11	2142	14
	2007-2008	6	12	6	13	2028	14
	Cum. Total*	12	7	12	8	5816	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 741–760)	2005-2006	14	29	14	29	5497	36
	2006-2007	32	53	28	51	5642	38
	2007-2008	20	38	20	43	5703	39
	Cum. Total*	66	41	62	41	16842	38
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 727–740)	2005-2006	20	41	20	41	4514	29
	2006-2007	19	32	18	33	4077	27
	2007-2008	14	27	12	26	3733	26
	Cum. Total*	53	33	50	33	12324	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 700–726)	2005-2006	15	31	15	31	3797	25
	2006-2007	3	5	3	5	3001	20
	2007-2008	12	23	9	19	3054	21
	Cum. Total*	30	19	27	18	9852	22

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	8.7	54.4	8.9	55.6	8.8	55.0
Cluster 2: Shape and Size	14	25	5.1	36.4	5.3	37.9	5.5	39.3
Cluster 3: Mathematical Decision Making	8	14	3.4	42.5	3.6	45.0	3.5	43.8
Cluster 4: Patterns	18	32	8.4	46.7	8.8	48.9	7.9	43.9

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: Madawaska School Department
 School: Madawaska Middle/High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	52	6	12	20	38	14	27	12	23	742	47	13	43	26	19	744	14518	14	39	26	21	743
Ethnicity																						
African American/Black	0										0						372	5	24	25	45	731
American Indian or Native Alaskan	0										0						110	5	30	36	29	736
Asian or Pacific Islander	2										2						216	25	34	23	18	748
Hispanic	1										1						175	9	32	30	29	737
Caucasian/White	49	6	12	20	41	12	24	11	22	743	44	14	45	23	18	745	13645	14	40	26	20	743
Not Reported	0										0						0					
Identified disability																						
Yes	8	0	0	0	0	1	13	7	88	721	6	0	0	17	83	719	2321	2	16	26	55	727
No	44	6	14	20	45	13	30	5	11	746	41	15	49	27	10	748	12197	16	44	26	15	746
Current LEP																						
Yes	12	0	0	3	25	5	42	4	33	736	12	0	25	42	33	736	356	7	23	24	45	731
No	40	6	15	17	43	9	23	8	20	745	35	17	49	20	14	747	14162	14	40	26	20	743
Economically disadvantaged																						
Yes	24	1	4	6	25	8	33	9	38	735	22	5	27	36	32	736	5301	5	31	31	33	736
No	28	5	18	14	50	6	21	3	11	749	25	20	56	16	8	751	9217	19	44	23	14	747
Migrant																						
Yes	0										0						1					
No	52	6	12	20	38	14	27	12	23	742	47	13	43	26	19	744	14517	14	39	26	21	743
Gender																						
Female	23	4	17	8	35	9	39	2	9	747	21	19	38	38	5	749	7086	14	40	26	20	743
Male	29	2	7	12	41	5	17	10	34	739	26	8	46	15	31	740	7432	14	38	25	22	743
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						946	4	23	36	37	733
No	52	6	12	20	38	14	27	12	23	742	47	13	43	26	19	744	13572	15	40	25	20	743
Gifted/talented program																						
Yes	3										3						575	64	31	3	1	765
No	49	4	8	19	39	14	29	12	24	741	44	9	43	27	20	742	13943	12	40	27	22	742

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 7
 SAU: Madawaska School Department
 School: Madawaska Middle/High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	4	0	0	0	0	2	100	0	0	738	4	0	0	100	0	738	6	7	29	26	37	734
B. less than one hour	46	2	8	10	42	10	42	2	8	744	45	10	48	38	5	746	50	13	39	26	22	742
C. one to two hours	46	4	17	10	42	2	8	8	33	743	47	18	45	9	27	744	40	15	42	26	17	744
D. more than two hours	4	0	0	0	0	0	0	2	100	723	4	0	0	0	100	723	4	16	37	23	24	742
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	37	4	21	6	32	4	21	5	26	745	34	25	38	19	19	748	32	21	40	23	16	747
B. They match some of what I have learned.	50	2	8	12	46	8	31	4	15	745	51	8	50	29	13	746	50	12	42	27	19	743
C. They match just a little of what I have learned.	10	0	0	2	40	1	20	2	40	730	11	0	40	20	40	730	15	7	32	31	30	737
D. There is no match.	4	0	0	0	0	1	50	1	50	720	4	0	0	50	50	720	3	4	17	21	58	726
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	25	3	23	8	62	1	8	1	8	754	26	25	67	8	0	756	25	34	42	13	11	753
B. good	42	3	14	10	45	5	23	4	18	745	43	15	50	20	15	747	47	10	45	27	18	743
C. fair	25	0	0	2	15	6	46	5	38	732	26	0	17	50	33	733	23	3	30	36	32	735
D. poor	8	0	0	0	0	2	50	2	50	724	6	0	0	33	67	719	5	1	17	32	49	729
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	42	2	9	8	36	4	18	8	36	737	45	10	38	19	33	738	36	6	38	29	27	738
B. about the same as my regular schoolwork	52	3	11	12	44	9	33	3	11	746	51	13	50	33	4	749	53	13	42	27	18	744
C. easier than my regular schoolwork	6	1	33	0	0	1	33	1	33	746	4	50	0	0	50	750	11	40	32	15	13	753
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	56	2	7	10	36	8	29	8	29	739	55	8	38	27	27	740	46	12	40	27	21	742
B. I tried about the same as I do on my regular schoolwork.	40	4	20	8	40	6	30	2	10	748	40	21	42	26	11	749	49	16	40	25	19	744
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	2	100	0	0	0	0	750	4	0	100	0	0	750	5	10	27	27	36	736
How often do you use laptops in mathematics class?																						
A. almost every day	2	0	0	0	0	0	0	1	100	722	2	0	0	0	100	722	9	15	37	25	23	742
B. two or three days a week	2	0	0	0	0	1	100	0	0	740	2	0	0	100	0	740	20	13	41	26	20	743
C. two or three times each month	27	1	7	6	43	5	36	2	14	743	28	8	46	31	15	744	30	15	40	27	18	744
D. never or almost never	69	5	14	14	39	8	22	9	25	743	68	16	44	22	19	745	41	13	39	26	23	742
How often do you use calculators in mathematics class?																						
A. almost every day	2	0	0	0	0	0	0	1	100	720	2	0	0	0	100	720	20	17	39	23	22	744
B. two or three days a week	0										0						29	16	40	25	19	744
C. two or three times a month	29	0	0	8	53	3	20	4	27	741	28	0	62	23	15	744	26	13	40	28	20	743
D. never or almost never	69	6	17	12	33	11	31	7	19	744	70	18	36	27	18	745	24	10	39	27	24	740
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	0										0						8	7	32	26	35	736
B. 30–45 minutes	8	1	25	1	25	1	25	1	25	750	9	25	25	25	25	750	41	12	38	27	23	741
C. 45–60 minutes	22	0	0	3	27	5	45	3	27	735	21	0	30	40	30	735	41	17	42	24	16	745
D. more than 60 minutes	71	5	14	16	44	8	22	7	19	744	70	15	48	21	15	746	10	15	38	25	22	743
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											